

Fisa de lucru -MICROSOFT WORD

Editati urmatoarele formule:

I. Indice

$$x_1 = x_2 = a$$

$$x_1 - 2x_2 + 3x_3 = 3x_4 + 2x_5 + 4x_6$$

II.Exponent

$$x^3 + 3x^2 + 2x + 1 = 0$$

$$7x^5 + 6x^4 + 4x^3 + 3x^2 + 2x + 9 = 0$$

III.Fractii

$$\frac{x+1}{a} = \frac{x+3}{b} = \frac{x-3}{c}$$

$$\frac{1}{2}x - 3 = 0$$

$$\frac{2x}{3} - \frac{5x}{6} = 9$$

IV.Radicali

$$\sqrt{x}; \quad \sqrt[3]{21}; \quad \sqrt{\sqrt{\sqrt{3}}}; \quad \sqrt{a+b}; \quad \sqrt{a^2+b^2}$$

V.Sisteme

$$\begin{cases} a, & a > 0 \\ 0, & a = 0 \\ -a, & a < 0 \end{cases};$$

$$\begin{cases} \frac{1}{2}x + 3, & x < 0 \\ -3x + \sqrt{3}, & x < 0 \end{cases};$$

$$\begin{cases} \frac{x^2 - 3}{x}, & x < 0 \\ x^2 + 2x + 1, & x > 0 \end{cases}$$